

IN THE CLAIMS:

1. – 3. (Cancelled).

4. – 5. (Cancelled).

1 6. (Currently Amended) A method for determining relative
2 amounts of simple soluble dietary antioxidants versus complex tannins in an aqueous
3 liquid sample at room temperature comprising the steps of:
4 providing an aqueous liquid sample containing dietary material or a
5 biological fluid to be tested;
6 contacting the sample with an aqueous solution of elemental iodine and
7 polyvinylpyrrolidone at room temperature to form a mixture;
8 measuring a concentration of iodide ions at room temperature in the
9 mixture at a plurality of time points over a time period after the
10 contacting step by means of an iodide selective electrode; and
11 measuring a first slope of increase of the iodine ions over a time period
12 from a first time point of about one minute from the contacting
13 step [;]to a later time point, wherein a shallow slope is indicative
14 of simple soluble dietary antioxidants and a steep slope is
15 indicative of complex tannins in said sample

16 measuring a second slope of increase of the iodine ions over a time
17 period from one minute from the contacting step to at least about
18 five minutes from the contacting step; and
19 comparing the first slope with the second slope whereby the first slope
20 is representative of simple soluble antioxidants and the second
21 slope is representative of complex tannins.

1 7. (Previously Presented) The method according to Claim 6,
2 wherein said liquid sample is a dietary material.

1 8. (Previously Presented) The method according to Claim 6,
2 wherein said liquid sample is a biological fluid.

1 9. (Previously Presented) The method according to Claim 8,
2 wherein the biological fluid is urine.

1 10. (New) The method according to Claim 6, wherein the later time
2 point ranges from about 5 minutes to about 30 minutes.

1 11. (New) The method according to Claim 6, wherein the
2 concentration of iodide ions at the first time point is indicative of simple soluble
3 dietary antioxidants.